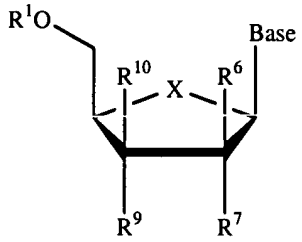
Amendment to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-88 (canceled)

Claims 89 (Currently Amended): A method for the treatment of a flavivirus or pestivirus infection in a host, comprising administering an anti-virally effective amount of a compound of Formula XVII:



(XVII)

or a pharmaceutically acceptable salt or ester thereof, wherein:

Base is a triazolopyridine, imidazolopyridine, or pyrazolopyrimidine;

R^1 and R^2 are independently H; phosphate; a stabilized phosphate prodrug; acyl; alkyl; sulfonate ester; benzyl, wherein the phenyl group is optionally substituted with one or more ~~substituents~~ moieties selected from the group consisting of hydroxyl, amino, alkylamino, arylamino, alkoxy, aryloxy, nitro, cyano, sulfonic acid, sulfate, phosphonic acid, phosphate, or phosphonate, either unprotected, or protected as necessary; a lipid; an amino acid; a carbohydrate; a peptide; ~~a~~ cholesterol; or other pharmaceutically acceptable leaving group which when administered *in vivo* is capable of providing a compound wherein R^1 and R^2 are independently H or phosphate;

R^6 is hydroxy, alkyl, azido, cyano, alkenyl, alkynyl, Br-vinyl, -C(O)O(alkyl), ~~-C(O)O(lower alkyl),~~ -O(acyl), ~~-O(lower acyl),~~ -O(alkyl), ~~-O(lower alkyl),~~ -O(alkenyl), chloro, bromo, fluoro, iodo, NO_2, NH_2, -NH(lower alkyl), -NH(acyl), -N(lower alkyl)$_2$, or -N(acyl)$_2$;

R^7 and R^9 are independently hydrogen, OR^2, hydroxy, alkyl, azido, cyano, alkenyl, alkynyl, Br-vinyl, -C(O)O(alkyl), ~~-C(O)O(lower alkyl),~~ -O(acyl), ~~-O(lower acyl),~~ -O(alkyl), ~~-O(lower alkyl),~~ -O(alkenyl), chlorine, bromine, iodine, NO_2, NH_2, -NH(lower alkyl), -NH(acyl), -N(lower alkyl)$_2$, or -N(acyl)$_2$;

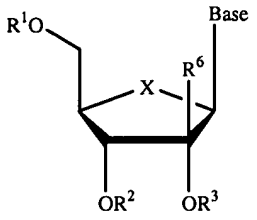
R^{10} is H, alkyl, chlorine, bromine or iodine;

~~alternatively, R^7 and R^9, or R^7 and R^{10} can come together to form a bond;~~ and

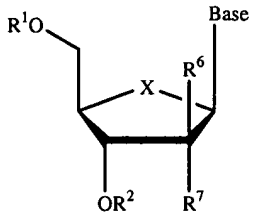
X is O, S, SO_2 or CH_2.

Claims 90-129 (canceled)

Claim 130 (Currently Amended): The method of claim 89 for the treatment of a flavivirus or pestivirus infection in a host, comprising administering an anti-virally effective amount of a compound of Formula X or XI:



(X)



(XI)

or a pharmaceutically acceptable salt or ester thereof, wherein:

Base is a triazolopyridine, imidazolopyridine, or pyrazolopyrimidine;

R^1, R^2 and R^3 are independently H; phosphate or a stabilized phosphate prodrug; acyl; alkyl; sulfonate ester; or benzyl, wherein the phenyl group is optionally substituted; a lipid; an amino acid; a carbohydrate; a peptide; cholesterol; or other pharmaceutically acceptable leaving group which when administered *in vivo* is capable of providing a compound wherein R^1, R^2 and R^3 are independently H or phosphate;

R^6 is hydroxy, alkyl, azido, cyano, alkenyl, alkynyl, Br-vinyl, -C(O)O(alkyl), ~~-C(O)O(lower alkyl),~~ -O(acyl), ~~-O(lower acyl),~~ -O(alkyl), ~~-O(lower alkyl),~~ -O(alkenyl), chloro, bromo, fluoro, iodo, NO_2, NH_2, -NH(lower alkyl), -NH(acyl), -N(lower alkyl)$_2$, or -N(acyl)$_2$;

R^7 is hydrogen, OR^3, hydroxy, alkyl, azido, cyano, alkenyl, alkynyl, Br-vinyl, -C(O)O(alkyl), ~~-C(O)O(lower alkyl),~~ -O(acyl), ~~-O(lower acyl),~~ -O(alkyl), ~~-O(lower alkyl),~~ -O(alkenyl), chlorine, bromine, iodine, NO_2, NH_2, -NH(lower alkyl), -NH(acyl), -N(lower alkyl)$_2$, or -N(acyl)$_2$; and

X is O, S, SO_2 or CH_2.

Claim 131 (Currently Amended): The method of claim 89 for the treatment of a flavivirus or pestivirus infection in a host, wherein, in the compound of Formula XVII:

R^{10} is H, alkyl, chlorine, bromine or iodine;

R^7 and R^9 are independently hydrogen, OR^2, alkyl, alkenyl, alkynyl, Br-vinyl, O-alkenyl, chlorine, bromine, iodine, NO_2, NH_2, -NH(lower alkyl), -NH(acyl), -N(lower alkyl)$_2$, or -N(acyl)$_2$;

R^6 is alkyl, chlorine, bromine or iodine;

~~alternatively, R^7 and R^9, or R^8 and R^9 can come together to form a bond;~~ and

X is O, S, SO_2 or CH_2.

Claim 132 (Previously Presented): The method of claim 89 wherein R^1 is hydrogen or phosphate.

Claim 133 (Previously Presented): The method of claim 89 wherein R^2 is hydrogen, acyl or alkyl.

Claim 134 (Previously Presented): The method of claim 89 wherein R^6 is alkyl.

Claim 135 (Previously Presented): The method of claim 89 wherein R^7 and R^9 are independently hydrogen, OR^2, or hydroxy.

Claim 136 (Previously Presented): The method of claim 89 wherein R^7 is hydroxy.

Claim 137 (Previously Presented): The method of claim 89 wherein R^9 is hydroxy.

Claim 138 (Previously Presented): The method of claim 89 wherein R^7 and R^9 are hydroxy.

Claim 139 (Previously Presented): The method of claim 89 wherein R^{10} is hydrogen.

Claim 140 (Previously Presented): The method of claim 89 wherein X is O.

Claim 141 (Previously Presented): The method of claim 89 wherein

R^1 is hydrogen or phosphate;

R^2 is hydrogen, acyl or alkyl;

R^6 is alkyl;

R^7 and R^9 are independently hydrogen, OR^2, or hydroxy;

R^{10} is hydrogen; and

X is O.

Claim 142 (Previously Presented): The method of claim 89, wherein the method comprises administering the compound or a pharmaceutically acceptable salt or ester thereof in combination or alternation with a second anti-flavivirus or anti-pestivirus agent.

Claim 143 (Previously Presented): The method of claim 142, wherein the second anti-flavivirus or anti-pestivirus agent is selected from the group consisting of consisting of interferon, ribavirin, a protease inhibitor, a thiazolidine derivative, a polymerase inhibitor, and a helicase inhibitor.

Claim 144 (Previously Presented): The method of claim 143, wherein the second anti-flavivirus or anti-pestivirus agent is interferon.

Claim 145 (Previously Presented): The method of claim 143, wherein the second anti-flavivirus or anti-pestivirus agent is a protease inhibitor.

Claim 146 (Previously Presented): The method of claim 143, wherein the second anti-flavivirus or anti-pestivirus agent is ribavirin.

Claim 147 (Previously Presented): The method of claim 89, wherein the compound is in the form of a dosage unit.

Claim 148 (Previously Presented): The method of claim 147, wherein the dosage unit contains 50 to 1000 mg of said compound.

Claim 149 (Previously Presented): The method of claim 147, wherein said dosage unit is a tablet or capsule.

Claim 150 (Previously Presented): The method of claim 89, wherein the host is a human.

Claim 151 (Previously Presented): The method of claim 89, wherein the compound is in substantially pure form.

Claim 152 (Previously Presented): The method of claim 89, wherein the compound is at least 90% by weight of the β-D-isomer.

Claim 153 (Previously Presented): The method of claim 89, wherein the compound is at least 95% by weight of the β-D-isomer.

Claim 154 (Previously Presented): The method of claim 89, wherein the flavivirus or pestivirus is a Dengue virus.

Claim 155 (Previously Presented): The method of claim 89, wherein the flavivirus or pestivirus is a West Nile virus.

Claim 156 (Previously Presented): The method of claim 89, wherein the flavivirus or pestivirus is a yellow fever virus.

Claim 157 (Previously Presented): The method of claim 89, wherein the flavivirus or pestivirus is a bovine viral diarrhea virus (BVDV).

Claim 158 (Canceled).

Claim 159. (New): The method of claim 89, wherein R^6 is methyl.

Claim 160. (New): The method of claim 89, wherein R^6 is CF_3.

Claim 161. (New): The method of claim 130, wherein the compound is of formula X.

Claim 162. (New): The method of claim 130, wherein the compound is of formula XI.

Claim 163. (New): The method of claim 130 for the treatment of a flavivirus or pestivirus infection in a host, wherein:

R^7 is hydrogen, OR^2, alkyl, alkenyl, alkynyl, Br-vinyl, O-alkenyl, chlorine, bromine, iodine, NO_2, NH_2, -NH(lower alkyl), -NH(acyl), -N(lower alkyl)$_2$, or

-N(acyl)$_2$;

R^6 is alkyl, chlorine, bromine or iodine; and

X is O, S, SO_2 or CH_2.

Claim 164. (New): The method of claim 130, wherein R^1 is hydrogen or phosphate.

Claim 165. (New): The method of claim 130, wherein R^2 is hydrogen, acyl or alkyl.

Claim 166. (New): The method of claim 130, wherein R^6 is alkyl.

Claim 167. (New): The method of claim 130, wherein R^7 is hydrogen, OR^2, or hydroxy.

Claim 168. (New) The method of claim 130, wherein R^7 is hydroxy.

Claim 169. (New) The method of claim 130, wherein R^7 and R^2 is hydrogen.

Claim 170. (New) The method of claim 130, wherein X is O.

Claim 171. (New) The method of claim 130, wherein

R^1 is hydrogen or phosphate;

R^2 is hydrogen, acyl or alkyl;

R^6 is alkyl;

R^7 is hydrogen, OR^2, or hydroxy;

R^{10} is hydrogen; and

X is O.

Claim 172. (New) The method of claim 130, wherein R^6 is methyl.

Claim 173. (New) The method of claim 130, wherein R^6 is CF_3.

Claim 174. (New) The method of claim 171, wherein R^6 is methyl.